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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/533,234	04/29/2005	Masayuki Takeda	271582US0PCT	7044
22850	7590 05/08/2006		EXAMINER	
•	IVAK, MCCLELLAN	THOMAS, ERIC W		
.,	1940 DUKE STREET ALEXANDRIA, VA 22314		ART UNIT	PAPER NUMBER
•	,		2831	-
			DATE MAILED: 05/08/200	6

Please find below and/or attached an Office communication concerning this application or proceeding.

NO	
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		Application No.	Applicant(s)					
Office Action Summary		10/533,234	TAKEDA ET AL.					
		Examiner	Art Unit					
		Eric Thomas	2831					
Period fo	The MAILING DATE of this communication r Reply	n appears on the cover sh	neet with the correspondence a	ddress				
WHIC - Exter after - If NO - Failu Any r	ORTENED STATUTORY PERIOD FOR REHEVER IS LONGER, FROM THE MAILIN asions of time may be available under the provisions of 37 Cl SIX (6) MONTHS from the mailing date of this communication period for reply is specified above, the maximum statutory pree to reply within the set or extended period for reply will, by seely received by the Office later than three months after the ad patent term adjustment. See 37 CFR 1.704(b).	G DATE OF THIS COMING 1.136(a). In no event, however on. eriod will apply and will expire SIX statute, cause the application to be	MUNICATION. may a reply be timely filed (6) MONTHS from the mailing date of this come ABANDONED (35 U.S.C. § 133).					
Status				•				
1)⊠	Responsive to communication(s) filed on	17 January 2006						
· <u> </u>		This action is non-final.						
′=	, -		al matters, prosecution as to th	e merite ie				
<u>ا</u> رد	3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
	ologica in accordance with the practice and	doi Ex parto Quayro, Toc	0.0.210.					
Dispositi	on of Claims							
4)⊠	Claim(s) 1-23 is/are pending in the applica	ation.						
	4a) Of the above claim(s) is/are withdrawn from consideration.							
5)□	Claim(s) is/are allowed.							
	6)☐ Claim(s) is/are rejected.							
	Claim(s) is/are objected to.							
	Claim(s) 1-23 are subject to restriction and	d/or election requiremen	!.					
		·						
• •	on Papers							
-	The specification is objected to by the Exa							
10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.								
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).							
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.								
Priority u	ınder 35 U.S.C. § 119							
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 								
Attachmen	` '	∧ □	andow Summary (PTO 140)	•				
	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-94)		erview Summary (PTO-413) per No(s)/Mail Date					
3) 🔲 Inform	nation Disclosure Statement(s) (PTO-1449 or PTO/S r No(s)/Mail Date	B/08) 5) 🔲 No	tice of Informal Patent Application (PT er:	O-152)				

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DETAILED ACTION

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Election/Restrictions

1. Restriction is required under 35 U.S.C. 121 and 372.

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.

Group I, claim(s) 1, 4-6, drawn to an aluminum electrolytic capacitor comprising an electrolytic solution containing a onium salt of fluorine-containing anion, having a water concentration of 1 % by weight or less.

Group II, claim(s) 2-3, drawn to an aluminum electrolytic capacitor comprising an onium salt of fluorine-containing anion; a cathode, wherein the cathode has a peak top of Al2p spectrum of 74.0 to 75/8eV.

Group III, claim(s) 7-12, drawn to a quaternary cyclic amidinium tetrafluoroaluminate represented by formula 1 and a solvent.

$$R^{3} \stackrel{\downarrow}{N} \stackrel{\uparrow}{N} R^{1} \qquad AIF_{4}^{-} \qquad (1)$$

Group IV, claim(s) 13-23, drawn to a method for preparing an organic onium tetrafluoroaluminate which comprises reacting hydrogen fluoride and or fluorosilicic acid; and organic onium salt; and an aluminum compound.

The inventions listed as Groups I, II, III, IV do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: Group I is drawn to an aluminum electrolytic capacitor comprising an electrolytic solution containing a onium salt of fluorine-containing anion, having a water concentration of 1 % by weight or less;

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Group II is drawn to an aluminum electrolytic capacitor comprising an onium salt of fluorine-containing anion; a cathode, wherein the cathode has a peak top of Al2p spectrum of 74.0 to 75/8eV; Group III is drawn to a quaternary cyclic amidinium tetrafluoroaluminate represented by formula 1 and a solvent; and

$$R^{3} \stackrel{\downarrow}{\stackrel{\downarrow}{N}} R^{1} \qquad AIF_{4} \stackrel{\uparrow}{\stackrel{}{\longrightarrow}} (1)$$

Group IV is drawn to a method for preparing an organic onium tetrafluoroaluminate which comprises reacting hydrogen fluoride and or fluorosilicic acid; and organic onium salt; and an aluminum compound.

2. Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Should applicant traverse on the ground that the inventions or species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions or species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103(a) of the other invention.

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3. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric Thomas whose telephone number is 571-272-1985. The examiner can normally be reached on Monday - Friday 6:30 AM - 3:45 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean Reichard can be reached on 571-272-1984. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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ERICW.THOMAS
PRIMARY EXAMINER

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